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Great Memorandum Two. . . . . by Robert Lovell, Jr. ~~~~~

Listen, people, we've gotta get organized and active or else we'll never get our expanded space programs. . . off the ground (no pun intended). I've inherited the post of Minister of Propaganda, although Graham officially calls it Assistant President for Light Industry (if only you knew how light. . .). Anyway, I've got some ideas I want to spread around; if any of you have any ideas, questions, criticisms, or props to send along in return; please do so.

#### PHASE I.

Using my own money to get started, I'm going to place small ads in the classified ads sections of the science fiction magazines like Galaxy, Fantasy and Science Fiction, etc. These are the best markets for us to hit, of course, as most of their readers are already in basic agreement with our goals and would be most receptive to our pitch, which goes something like this:

Mankind is at a turning point in history. We have nowhere to go but up... or down. Earth is not room enough! Our only hope for a long and successful future is to explore, exploit, and colonize the endless frontier of SPACE. We are petitioning Congress, organizing a grassroots campaign to increase NASA's budget, etc. If you want to help shape the future, join us. We're UNITED FOR OUR EXPANDED SPACE PROGRAMS. Active memberships \$15.00. U.F.O.E.S.P. Box 7807, San Diego CA 92107.

The following month, readers will see an attention-grabber like this:

You'd BETTER worry about the future! After all, you'll spend the rest of your life living in it. If you want to help ensure that Mankind HAS a future, join us. We're UNITED FOR OUR EXPANDED SPACE PROGRAMS. Active memberships \$15.00. U.F.O.E.S.P. Box 7807, San Diego CA 92107.

Another variation on this theme might go something like this:

If the future belongs to those who plan for it, guess what belongs to those who don't? Congress will convert YOUR FUTURE into bigger salaries for more bureaucrats unless YOU act NOW! If you want to help Mankind achieve its destiny and reach the stars, join us. We're UNITED etc. etc.

Are you starting to get the picture? We've got to reach out and GRAB all those fans who need just a little nudge to get 'em off their butts. An ad campaign like this, starting out small, in the back of a science fiction magazine or two, should bring in enough new members to help pay for more ads designed to bring in more members. . . It is possible that we might be able to get a little free P-R merely by writing letters to the editors. Now that I think of it, we might want to try to organize a letter-writing campaign to the editors of ANALOG, GALAXY, etc., and see how they feel about writing editorials urging their readers to write to Congress to ask for an increased space budget. Of course, it may prove more effective if we leave out all references to U.F.O.E.S.P. and make it appear to be a grassroots groundswell of public opinion. Recently the readers of GALAXY responded to such editorial urging with the result that a bill was introduced in Congress to use Government subsidies to grow the Jojoba plant, the oil of which can be used as a cheap substitute for whale oil; the bottom line is that the use of jojoba oil will make it economically unfeasible for Japan and Russia to continue their whaling operations and thus save the whales from extinction. Pretty slick, huh? We can get similar results for expanded space development if we can get people to write

to editors, Congressmen, etc. Think about it.

Think about this, too. Congressional staffers say, unofficially of course, that as few as 25 to 30 letters on a certain subject are considered 'significant'. Now, if each of us can get three friends to write, and if each friend can convince three of his friends, and if each of those people can. . . Well, you get the picture. Three times three times three is 27, and the geometric progression can go on like a pyramid (like a chain letter) until our elected representatives are no longer able to ignore it. Now, it may be too late to do anything effective at this late date in the 1976 election campaign, but we can lay the groundwork for the budget battles in the next Congress. After all, regardless of who gets elected, whoever he or she is has to respond to pressures from the folks back home if she or he wants to get RElected. And so, on to. . .

## PHASE II.

After we get some new members (and more money to finance our campaign) we can place more ads, larger ads, half- and full-page ads with pictures, in Analog, Galaxy, etc., and perhaps in aerospace industry publications like Aviation Week and Space Technology in an effort to reach even more interested space fans (and if the engineers and technicians at Boeing, Lockheed, etc., don't have a vested interest in expanded space programs, then who does?).

Simultaneously we can hit the smaller, regional science-fiction conventions, like TUSCON IV in Tucson, Arizona, on November 5-7, 1976, and others that are usually listed in the S-F magazines every month. We can place ads in the progress reports and programs for these cons, with application forms to be cut out and mailed. We can set up tables in the huckster rooms, as Graham and Linda did at Midamericon in Kansas City, and sell memberships, bumper-stickers, posters (if and when I can afford to get them printed), and so on. At the very least we can provide a large poster or two with a pocket for propaganda sheets, membership application forms, and maybe even self-addressed 'business reply' envelopes to make it easy and convenient for prospective members.

Now, this raises an interesting question: what do the new members GET after they've responded to our magazine ads or whatever? We've to give them stuff to fire them up, keep them busy and active, something short and simple and to the point. . .we need your ideas on this!

The Morale Boosters are good, but we need something snappy, even if only one or two xeroxed sheets, that we can mail out to each new member as soon as we receive his check for \$15.00, a greeting or welcome. I think it should contain the following, at least:

1. What your money is being used for, to let you know that your dues are not merely ending up in my pocket; this will explain how we all volunteer our time, and that all money goes into stamps and envelopes and paying for advertising and printing our literature, etc.
2. Our basic philosophy--no bullshit, no far out stuff that might turn off some of the conservative engineer types that we need (our initials grab the attention, but might lead some to suspect that we are a bunch of nut cultists), just the straight scoop. "If we remain Earthbound on this world of limited resources, we are doomed; the only way to ensure the long-term survival of our species (as well as a short-term solution to many of our problems) is to open up the endless frontier of SPACE with its infinite resources and room to grow. . ." or words to that effect. You can probably think up some catchy phrases like Ronald Reagan's "The only way to give everybody a bigger slice of the economic pie is to bake a bigger pie." And, of course, we would want to stress the fact that there are plenty of ingredients for that bigger pie 'out there'. We'll have to convince the Welfare supporters, for example, that we are not going to take food stamps away from hungry ghetto kids and turn that money into moon rockets; that, in fact, space technology and its spin-offs have, are, and will do more to solve the basic problems of hunger and poverty than all the well-meaning boondoggles perpetrated by politicians.

3. What we want our new members to do; talk it up with your friends, distribute our literature, help finance our campaigns, write letters to your elected reps in Washington, etc. It only takes a few minutes and a 13¢ stamp. . .
4. Information. We must supply info (as current as possible) on pending legislation, bills in committee, how the current Federal Budget is shaping up, etc. We need to do research on this, read the Congressional Record, ask questions of our reps and any lobbyists we can reach. Our members have to know what to write about, the specific bill to be voted on, that kind of thing. If any of you know the best way to go about this, pass the word, please.

There are many other things that we have to do in this area, and the sooner we exchange concrete ideas among ourselves the sooner we can get our plan of attack moving.

#### PHASE III.

Now we're looking at some long range stuff, a year or so down the road. We first have to become bigger (and therefore "more respectable") before we can tackle some of these things.

We have many natural allies in our effort: NASA itself, lobbying groups like Dr. Wernher von Braun's National Space Institute, and the big aerospace and defense contractors like North American Rockwell and McDonnell-Douglas. Most of these outfits have lobbyists on Capitol Hill, large budgets, and friends in high places in the government, the military and scientific communities. We will eventually contact these people and co-ordinate our activities with theirs. For example, when one of their lobbyists persuades a legislator to sponsor a bill for something important like the Large Space Telescope or a permanent manned Space Station, we would be able to provide the bill with a massive, nationwide letter-writing campaign to swamp Congress with favorable mail. That's just an idea off the top of my head now, but we could be in a position to do that and more in a year or two. Of course, our contacts with people like von Braun and the aerospace industry will have to be made slowly and carefully, perhaps after we've recruited some big name scientists or placed some full-page ads in Time or Newsweek.

#### PHASE IV.

Special Projects: If you have any ideas for promotional gimmicks or anything to manipulate the mass media, let me know! I am working on a long range project of my own that I hope to use to help get our message to a larger audience. Basically, it is a slide show, a multi-media event that I hope to take on tour to the science fiction conventions, and (this is very long range) on the rock concert circuit, complete with music and lasers and all kinds of goodies.

It will be at least a year before I have it in anything remotely resembling final shape, but I hope to have it ready for the Phoenix WorldCon in '78. I hope to portray what the exploration, exploitation, and colonization of space will be like and what it will mean to us all; how it will improve our lives and the lives of our children, how it can solve our major problems (population, pollution, resources, etc.), and why it is necessary for the survival of the human race.

I mean, let's face it folks, if we allow present trends to continue, if we continue down the path of least resistance, if we do not make the effort (and the sacrifices) to get into space, and do it now while we have the chance, then we will be dooming our children to live in a world of perpetual poverty and despair, a world with not enough food, not enough energy, not enough of anything. And our grandchildren (if any) will no doubt spit on our graves for the mess we made of their world and for what we failed to do while we still had the opportunity.

In a world of limited resources, like the one on which we live, the QUALITY of life is inversely proportional to the QUANTITY of life. As the population grows and consumes non-renewable resources, each of us will get (on the average) just a little bit less, a smaller and smaller slice of that economic pie, until we reach the point where the average slice is no longer large enough to sustain life. . .



The only way out, for the long run, is to get accesss to the virtually unlimited solar energy and natural resources to be found in space, including metals from the Moon and asteroids and fuel and fertilizer from the atmosphere of Jupiter. We must also, gradually of course, relocate our most polluting industries and a sizable fraction of the population (again, over the long run) up in space, at which time we can return the green to the "green hills of Earth". We can make a paradise out of our mother world once again, and give hope and a decent standard of living to all the members of the human race, if only we can get ourselves up there.

Our job (some people already think of it as a sort of religious crusade to save the human race from its own greed and folly) is to convince our people and our elected representatives to support an expanded space program, to keep funding levels high, so that we can develop the efficient launch systems and the zero-gravity manufacturing processes that will give us 'cheap' space travel. WE have to convince the government to provide the billions of dollars needed for research and development, to lay the groundwork, so that people like us can afford to get up there. We have to develop the Space Shuttle and more advanced systems to the point where private industry can afford to get up there and start using the space environment for the 'third industrial revolution'. Once we get past the point at which private enterprise realizes how much profit can be made up there, our job will be done. Because, once good old human greed (oops, I mean profit incentive, heh-heh. . .) takes over, we won't be able to stop the resulting 'gold rush' into space. It will be the American Frontier all over again. If we are successful we will see, in our lifetimes, the beginning of a new golden age, an open-ended era of economic development and social growth and freedom the likes of which this old world has never seen (although the first industrial revolution and the simultaneous opening-up of America--the "new world"--came pretty close). When you consider the dead-end, Earthbound alternative, the Space Revolution looks the an idea whose time has finally come.

SPACE IS THE PLACE. . .FOR THE HUMAN RACE!

Keep in touch. Let me hear your ideas.

-----Assistant President For Light Industry

(Editor's note: The excellance of the article and ideas and proposed projects needs no comment. Those who would like to see the realization of Robert's fine ideas should not only communicate posthaste with him but should also, if possible, make donations to further the projects. Simply send your check or money order to U.F.O.E.S.P., 745 Camino Del Sur, No.11, Isla Vista CA 93017. Place a note with your donation or simply write on the check or money order "For R. Lovell's Propaganda Fund". Your donation will be used only for his projects.)

||||| Progress Is Our Most Important Product =====>>

Galaxies whirl, suns explode, planets move in their ponderous way. All the while, space revolutionaries think, create, plan, and act to bring these many motions into greater focus and more immediate experience for themselves and all others seeking adventure and transformation. Their actions do not partake of the cosmic character of celestial bodies in any obvious or superficial way yet within each activity is the transcendent awareness of the Space Experience. Spacers seek to change the world because of their knowledge of all the worlds open to us beyond the Earth's atmosphere. Mars, Venus, Moon, Titan, Jupiter, Ceres all present opportunities for deepening of humanity's understanding of Life and humanity's place in Life and Universe. Each and every celestial body has resources, environments, and perspectives which, no matter how alien or unusual, can be put to good use by people everywhere to eat better, live longer, be more at peace with oneself and one's neighbors. To realize the potential of space to better existence at home and abroad, spacers must become

SUFFUSED WITH THIS AWARENESS UNTIL IT VERILY OOOZES FROM THEIR SKIN. As monstrous as the condition may sound, it describes precisely the completeness with which the spacer has assimilated him or herself to the Space Experience. Does it permeate? Does it penetrate to the marrow of the bone? Only in this way can spacers maximize their energies' effects.

The Starbase is built with the smallest of pieces. We begin with small advertisements, proceed to rapid correspondence, and even get into the bigtime world of spacer conventions and conferences. From a purely superficial viewpoint, these sorts of activities are leaden and mundane but from the constant interaction of spacer intellects and "small acts" rises the towers and blasting ranges of the Spacer Revolution. Some weeks, even months, ago the Board of Governors discussed in these pages the future triad of spacer events which were seen as having the potential to rapidly expand our range of operations. The annual convention of the Western Amateur Astronomers, the 35th World Science Fiction Convention, and the FASST/AIAA Conference on the Search For Life in the Solar System comprised that triad and embodied that potential. Now that all have come to pass, the Board can proudly say to the membership that all expectations were fulfilled and all brought surprise benefits.

The last conference of the triad was October 8 at the Jet Propulsion laboratory in Pasadena. Although the delegation did not go with any materials for proselytization for U.F.O.E.S.P. and was concerned for the most part with learning as much information about Viking and the other topics on the program, the FASST/AIAA Conference marked a sharp upward turn in our fortunes. In the first place, half the Board went to JPL (the Treasurer, Assistant President for Interorganizational Affairs, and the President) and thus were able to reacquaint themselves with one another's plans and homebase developments. More importantly, each Board member had the opportunity to meet and discuss with leaders of other spacer groups about projects of mutual interest. In particular, Jeff, Linda, and myself met Leonard David, the Student Director of FASST, James Prince, Chief Co-ordinator for the United Futurist Association, and Jim Parker and other staff members for the L-5 Society. The focus of the conference was so intense, beginning with the most fantastic speech by Ray Bradbury, that conversations were short and succinct: we all were very busy soaking up the data on the Revolution which poured from all sides onto our brains. But much groundwork was laid for CHRYSE, for growth in the many groups, for ideas to underpin future projects to turn this nation around on space. It is time to rule! We exchanged addresses, documented the proceedings with pictures, made two fantastic contacts, and best of all, gained one more active member!

Let us put things in perspective. In mid-August, U.F.O.E.S.P. sent to the WAA Convention, on the excellent advice of Jeff Bytof, two members of the Board to lend assistance to another spacer group and to examine first hand a different spacer sub-population. Although the monetary rewards were limited, the experience gained attending an information table, even though it was not our own, proved invaluable for Midamericon. Then, too, the President and the Treasurer had the pleasure of meeting the Assistant President for Interorganizational Affairs for the first time and thus could hold a much broader Board meeting than is usual. Many good ideas were exchanged, much background was given, and most importantly personal understanding in a basic sense of each individual's history of declaration for the Space Revolution. These are the highlights and there can be no question that the tones are appealing to the senses.

Midamericon was a giant leap forward. Tripling our membership, distributing hundreds of copies of literature to a gathering of many thousands of people, expanding the Board to include two fantastic spacers

(Ivan Clark and Robert Lovell) to fill two important positions (General Secretary-Vega Chamber and Assistant President for Light Industry) are only the most major advances registered as a result of Midamericon. When one considers the energetic contact the Midamericon delegation had with the President of the L-5 Society (to whom we gave aid once again, letting the group use part of our table until they could obtain their own), the Foundation Institute, and the members of the National Space Institute, one begins to understand how much stronger the organization is today compared to two months ago. We have not even considered the enormous amount of information gathered at Kansas City about the Space Revolution, nor have we elaborated upon the visions exchanged by the many new members of U.F.O.E.S.P. at parties, in the lobby, around the huckster table, even during program items. Suffice to say we have gained so much valuable experience, so many potent contacts, so much useful data, and such nice amounts of money and promises of donations that it will be many weeks before the full impact of Midamericon can be gauged and before we can hope to garner a broad conception of the growth sustained.

So let us return to the final act in this drama of advance and adventure. The JPL event drew 200 or more people and was in fact considerably larger than the sponsors had predicted. The dinner alone was worth the registration fee and when you consider that the printed materials equalled the fee as well and the President's fee was paid by FASST, it cannot be denied that the expense was minimal (Dr. Manning Butterworth, a postdoctoral fellow in the Physics Department of UC at Santa Barbara, gave the Treasurer, the President and their Daughter Airasa a ride for the conference). Each member of the Board had his or her special experience and built the Space Revolution without knowing it. The President had the opportunity to speak with Steve O'Neil, an anthropology Student who has incredible connections with Star Trekkers. The Treasurer had the great pleasure of watching a test of the Viking model at the Laboratory pushing rocks to collect yet another exciting sample once the problem of rock moving was solved. The Assistant President is thought to have had rewarding discussions with staff members of L-5 and the UFA co-ordinator Jim Prince among others. To repeat the story of massive information input and the tale of further insight into the mechanics and politics of the Space Revolution would be to deaden the mind with repetitive success. But the discussion the President had with the Director of Student Programs for the Forum for the Advancement of Students in Science and Technology must be mentioned for they marked the beginnings of an alliance or coalition which will in two years include dozens of spacer organizations demonstrating in the tens of thousands for Space all over the country. Graham Maughan joined FASST and agreed to work with Leonard David to establish a strong FASST chapter on the campus of UC-Santa Barbara beginning this Fall Quarter. Without question, somehow FASST will be involved intimately with CHRYSE-1. The lesson is obvious. History helps those who help themselves, and, more importantly each other in the Revolution. We advance! We storm the battlements of public indifference! We are supercharged and bursting with developmental energy!

There is a need to stop? Why stop the rapid advance? The rapidity can only mean shortening the retreat and much time to cope with setbacks if and when they come. So let us continue with this great news and tell of the letter from Don Lundry, the Chairman of Suncon, the 35th World Science Fiction Convention. This letter was received the day after the JPL Conference and expressed strong support for CHRYSE as an integral part of Suncon (which will be in Miami Beach, September 2-5, 1977). The name and address of the Program Director for Suncon was included and Mr.



Lundry encouraged us most strongly to write to him (Joe Siclari). Even if circumstances do not permit the conjunction of Suncon and CHRYSE, the warm words and appeal to the Committee will mean some kind of assistance if only further information, more contacts, and deeper history. But there is such a good chance that the two can be integrated that we all should revel in the possibilities. No matter what decision the Suncon Committee reaches, we still can have two huckster tables, we still can reserve a suite, we still can hold spacer receptions in our room(s), we still can place ads in the Progress Reports and Program Book, we still can send the entire Board of Governors to the 35th World Science Fiction Convention to build great gaps in the Space Revolution. On to Suncon!

What's the point to stopping now? Really, we must go on. On the same day we received the heady letter by Don Lundry, we also received a letter from Jes Hinrichs, who was responsible for the final mockup of the bumper sticker design, and she gave us such startling news that we have yet to digest it fully. She is administrative secretary in the workaday world for an important cancer researcher/pathologist doing work at the VA Hospital in San Diego. She relayed his good wishes which consisted of forgiving an \$80 debt the organization had incurred in its effort to send a delegation to Midamericon and she relayed his expressed hope that he (Dr. H. Terry Wepsic) be considered an active member. An active member! He's a nova! No doubt this concatenation of marvelous turns of fortune will subside at least once or twice before reaching new heights. But there is also no doubt that U.F.O.E.S.P. is growing by leaps and bounds, is solidifying its position in the struggle for Space, and has every reason to expect the most startling wonders of influence and growth in the next three months. The Star Trek Convention in Kansas City this November, the Winter Board Meeting of the Western Amateur Astronomers, the strengthening of the Board, the exploitation of the contacts and converts of Midamericon and JPL, the surges and advances are named, understood, organized and conquered in their difficulties so that we proceed, proceed, proceed farther on the trek across planet and through space. We have gone so far already, we can no longer see the despair and negativity of our pre-Revolutionary states, the commanding heights of blind futility before the budding Doom of ecocatastrophe and nuclear disaster (to mention only the two most prominent visions of the mundane Earth). Space is the place for the human race for it is only in the unstripped Universe that this species can be truly, fully, and maturely human. We build the Revolution to destroy the Animal Man.

~~~~~ Stimulus. . . . Response: October 11, 1976 ↑↑↑↑↑↑↑↑↑↑

"I am now 94% settled into my new apartment and have a little time to respond to your letter of Sept. 18th. I've also received May MB, GM3, and Linda's memo [GM4]. I will try to distribute the JPL Seminar announcements tomorrow between classes. I will try to make it to the P.O. Box this evening: my roommate Richard Zimmerman (also a physics major at UCSD) wants to go to Tower Records, and Ocean Beach is right around the corner. Thank you for sending me the \$4.52 check. It will be put to good uses, like keeping me alive, etc. Continue sending mail to my Cardiff home address until I can assess the quality of mail delivery to the apartment.

"I'd like to attend the Star Trek convention with you and Linda this April. My Easter vacation starts March 27th and ends April 3rd. Please send me more detailed information.

"I will try to give SUNCON a try. We might as well hold CHRYSE in



the Florida area, too. My only problem is the expense of transportation. If we could work out a cheap car-pool system I might be able to afford it. Would I be able to come back with Carol? The other major expenses I can foresee are nightly accommodations. Would we be camping out? Thank you for offering to pay my attending dues. I don't have any information for you on "drive-away" cars. There is a very real possibility that I will have to take a summer job--I will try to arrange either to quit or take a vacation.

"For MB I have enclosed two original drawings that might have some bearing on the Space Revolution. I especially like the picture where everybody is happy--or SEEMS happy. Retouch them if you like, and send the originals back to me when you are done with them. I will try to produce better work in the future, but I don't foresee masterpieces ablating from my pencil.

"Let's wait a few weeks before we begin work on a CHRYSE article for L-5 News. I want to finish my letter outlining some technical questions to O'Neill's program. About memos: I'll send my original memos to you so that you can copy them and send them off to all the members of the Board.

"I would like to change the scope of my series of articles from "Space Religion" to "Autobiography of a Spacer". I want to detail some of my personal experiences, and explain my beliefs in that fashion.

"School is an overriding concern. I simply need at least 200 hours a week to accomplish my tasks with style. My social life is bound to suffer, etc. . . . Also Richard and I are both working on the design of a gravity experiment. I will have to streamline my operations to be efficient and fast. I'm glad I went through the WAA Convention experience: I anticipate the next few months to be a continuous, draining battle.

"I would also like to go to Vancouver, but my work schedule might get in the way.

"Thank you for the notebook/journal suggestion. If I have time to write this letter, I must have time to jot down my mental scribblings.

"In later letters and memoranda I will respond to Robert's, yours, and Linda's ideas, as well as present ideas of my own. But, before I go, I'd like to say a few words in the area of colonology: Not all humans who want to will be able to enter space. Many will not be qualified mentally, physically, and experientially to handle the jobs they will find in space. I don't see a willy-nilly migration into outer space. A selection process of some kind will be in effect. I feel that those who reach space will be in some ways the cream of the crop. I am confident that colonies in space will be examples of the proper ways for humans to live together. Social forms devised in space may be adopted for use on the Earth. The most important human activity on a colony will be co-operation. But if disagreements arise, and there can be no compromise, the warring factions have all Space to lose themselves in.

"After listening to the first debate (and resultant gap) between Carter and Ford, I realized that we must form a political party--United Space Frontier Party sounds fine. We need to encourage all spacers to finish school and start getting involved in all aspects of human endeavor--politics, religion, law, science, arts--to name a few. We need to elect a spacer to Congress. When are you going to run for President? Let us not be armchair spacers. We are all very lucky individuals--lucky to be alive in this fearsome and wonderful age. Why do some of us cower behind the mask of passivity? WE HAVE THE POTENTIAL TO CHANGE THE WORLD!!! Let us realize that potential!

"I believe it was Isaac Asimov who said: 'One wrong idea can destroy

the world.' The opposite might be true: 'One right idea can save the world.'" Jeff Bytof, 1847 Freda Lane, Cardiff CA 92007.

Once the initial motion is given to the system, the system itself increases the probability of greater motion being put into the system. We begin as single souls, solitary personnel waging the most limited action. As we make contact with one another as open space revolutionaries, the system is formed and grows. The formation itself injects momentum into the contacts and the consequent states of the system. We expand, we stimulate further expansion.

The events which dominate our attention for the next year begin to pile upon one another. The organization can only experience a sudden, massive growth in size, publicity, and influence from the strong presence at these spacer events which the Board envisions now. Each one (Star Trek Con in KC, Winter Board Meeting WAA, Equicon next year, Westercon 30, and Suncon/CHRYSE) presents a different, though also overlapping, perspective on the Space Revolution. Jeff's enthusiasm for Suncon, coupled with the intention of Robert Lovell, Graham Maughan, Linda Strickler, and Ivan Clark to attend Suncon no matter where CHRYSE is held means that the organization will have a very powerful presence at the convention and thus will be able to exploit its possibilities far beyond the ability in the past. Next month's "Progress. . ." will detail the growing plans for Suncon and CHRYSE but the will to extract as many resources as we can from them grows deeper by the day.

The remarks about education and the selection process for space are well taken. All those who go into space will be skilled in some sense. The environments to which we must adapt, the techniques and information that must be mastered, the difficulties of psychological assimilation are factors which rule out the unprepared, the undisciplined, the uninformed, the uncaring from being able to survive in space. For what we mean when we speak of civilization moving off planet is an evolutionary step greater than any in the past. As scientists understand the basic foundations of the Universe to a greater degree, the importance of evolution in all aspects of the Universe's structure and content becomes more obvious and sharper to the senses. Thus, the move to space by humanity will subject the species to selective pressures as real and implacable as those faced on Earth. We must not take too narrow a view and see this evolution solely in physical terms, as remarkable as the physical evolution will be, for it is humanity's CULTURE which is the primary mechanism by which the species copes with life and death in the universe. Cultural evolution dominates the species' development and in space we shall witness such fantastic cultures, societies, human groups and organization that we would be told we were mad by the random individual if our fantasies were spoken loudly, clearly, and openly. And they will, my friend, they will. But for the moment we dream and revel in incredible images of the future. The times require Earthly labors and we must raise the consciousness of the public before the serious public discussion of space cultural evolution will be more than entertainment.

"Many thanks for your assistance in notifying the readers of U.F.O.E.S.P's Morale Booster [about the FASST/AIAA conference on the Search For Life in the Solar System].

"I am enclosing finalized information concerning the J.P.L. conference. I am quite pleased that the program has developed so well. Apparently, Dr. Soffen will have several others with him, assisting in his presentation. It appears that one of those with him will address the specifics of geologic experimentation.

"Also, if our plans continue in the right direction, we are inviting several of the Viking Project Team to join the students at the dinner, providing a slight touch of informality to the symposium.

"I'm afraid I'm going to have to cut this short again. It is Sunday, all alone in the FASST offices, trying to get all the correspondence out of the way.

"Again, thank you for your assistance. I am including registration fee forms for those of you on the staff and for those who you wish to

contact at the college. As a thank you from FASST for your assistance, we are picking up your registration fee. However, please fill out the form for our records.

"Thanks.

"P.S. Please note that FASST does not have 15,000 members. . .we would like to have that many. . .but that's the way it goes! We have around 1,500 paid members, according to our membership director. As for Heppenheimer being one of the founders of FASST. . .well, I suppose so. There are a number of people who have assisted in developing the Federation of Americans Supporting Science and Technology (FASST). This group died as of January 1, 1976. . .those of us on the staff at present are 'founding' the Forum for the Advancement of Students in Science and Technology (FASST)." Leonard David, Director Student Programs FASST, 1785 Massachusetts Avenue N.W., Washington DC 20036.

United For Our Expanded Space Programs is a grass roots movement seeking to re-commit the United States to space exploration in a radical way. Because the space program is determined by politicians and bureaucrats, any influence the organization brings to bear must have political connotations at the very least. We are not a political party nor are we a bona fide lobby. But we address ourselves to budgetary, policy, and legislative questions and thus must have as much freedom of action as possible. Since the President is attending university as are other members of the Board, it might seem strange that so little work has been done organizing the student population for space. It is for reasons of maneuverability in the body politic that U.F.O.E.S.P. has remained distant from students at university.

FASST, which has aided our efforts tremendously by providing us with the opportunity to deepen our understanding of the Space Revolution as well as providing us with the opportunity to do something for it, is a non-profit, non-partisan, student, educational organization which seeks to bring more penetrating light on public issues of science and technology in addition to furthering the goals of technico-scientific, in particular, students all across this nation. Though its concerns cover a much broader spectrum of interest and action than ours, the membership of both overlap in character if not in actual numbers. Therefore, work for FASST, like work for U.F.O.E.S.P., furthers the Space Revolution. However, its non-profit nature and focus on students mean that it has a constituency and arenas of operation which are not open to us as freely.

One of the supreme pleasures, though brief, of the JPL Conference was speaking with Leonard David at the dinner (for which Dr. John Billington of Ames Research Center in the San Francisco Bay Area gave an intriguing address on the effort to contact alien intelligences around other stars). I had determined to join FASST before leaving for the Conference and I spoke with Leonard about my starting a FASST Chapter at UCSB. He was very excited about the idea and agreed that I should undertake the project. Though the details have yet to be concluded, there is every reason to have confidence that soon our organization will have the ability to speak to a much larger student body than previously. Make no mistake. It is a FASST chapter which I will build at UCSB (Dr. Butterworth, mentioned previously, is a FASST member) not a chamber for U.F.O.E.S.P. But talking to students about science and technology inevitably leads to space and space exploration and I will have the liberty or power (de facto not de jure) to set the tone for this particular chapter. Let me tell you, it will be spacy!

Beyond the obvious experiential and contact rewards to be gained from this work for FASST is the prime object: a specific commitment from FASST to commit specific resources to CHRYSE-1. There is no question of bribery or covert activities. This end will be the result of the convergence of two obvious approaches to the problem of turning the nation around on space. We cannot go into all the details because all the details have not been evolved or worked out. But we can foresee the importance FASST can play in CHRYSE and the mutual benefits to be gained for both organization and event. It is simply a matter of illuminating the possibilities to the leadership of FASST and letting them draw their own conclusions. Build together! Not a complex idea!



"No, I haven't forgotten y'all (not by a long shot), but I've been a bit bogged down since I got home (was that really 12 whole days ago?). It has taken me a while to recover from the 2600 miles I traveled to get home. That's a long drive, especially when not totally well (don't drink the water in New Orleans). Know, though, that you have been in my thoughts and that I have a memo to the Board about half written. NASA Activities is a monthly published by NASA Headquarters in D.C. Sorry about the mailing label being in the way, but they are put on permanently. The '1 cent worth' is the back cover. Sorry, but I haven't been able to find the blurb for the senator pushing the idea of laser-beaming energy to a rocket under launch as a motive power source. I'm still looking, though.

"Keep the faith. . . There is still time but the grains fall freely. We need space to grow.

"P.S. Enjoy the FASST symposium for me. It sounds like fun. . ." Ivan Clark, 628 Chapel Street, Hampton VA 23669.

As the organization grows, fresh talents, new skills, broader bases are acquired simultaneously. For the Board to expand from four to five or five to six members may seem like a bureaucratic exercise but such changes represent the wider range of resources and greater diversity of action possible for the organization. Each and every spacer brings many years of involvement with space and its contained nature in the halls of Congress. Each and every spacer, when elevated to the Board of Governors, automatically releases much energy and materiél to the Engines of the Space Revolution (that's us!).

Ivan has recently joined the Board and illustrates these propositions well. It might seem that the copies of literature he sent would have only limited value for we have a professional clipping service in our passive member Genevieve W. Strickler. Yet Ivan's subscription to NASA Activities means that we can in good conscience not renew the organization's subscription to the magazine thereby saving not only a nice little sum of money but also a great deal of hassle with the P.O. Service. Furthermore, by virtue of working within the Space Machine, Ivan can inform us of new developments, spacer events, and personages to pursue quickly and precisely. In addition, by being on the Board of Governors, he provides an important yet distinct perspective as well as giving the organization the ability to undertake larger tasks, more varied ventures. In truth, each spacer is a little star ready to go nova. It is U.F.O.E.S.P.'s special job to catalyze every spacer we can to do just that.

Welcome aboard Ivan!

"Thank you for your good words. I'm happy to be travelling a parallel course with you. In my own quiet way I help people remember their home away from Earth--although Earth is a super fine place too.

"I'll keep you posted on my developments. Best of luck on your project.

"P.S. I am going to start a somewhat large mail order campaign in the next 2 months. Would you consider selling (or leasing) to me your mailing list? Perhaps you could someday use mine (1500 in California so far). If this idea is agreeable to you, then outline costs and tell me how your list is set up." Ron Russell RA Studios, Box 1229, San Rafael CA 94901.

To measure Midamericon only in terms of absolute numbers of new members or the amount of money we gathered to the treasury would be to miss the most significant and potent resources gained at the convention. There is no need to elaborate upon the worth a list of 1500 people in the largest state in the Union has to us. And there is no question that because of the aid rendered reciprocally between U.F.O.E.S.P. and RA Studios (whose cosmic art cannot be described but only experienced immediately and deeply), this resource will come to us, in part, in whole, in installments, no matter.

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Let's take advantage of this aspect of ourselves. We all have these wonderful "if only" ideas about space. Stop letting these ideas flit through your heads with no hope of ever being captured for posterity. Start writing

down every idea that you have--use a notebook which you carry with you most if not all of the time. Once a month or so, please comb through your notes and copy out anything pertinent and send it on to me at my home address. I will compile the ideas, perhaps starting a card file on them, and occasionally will report them to the membership. Whenever anyone wants to do something for space and there seems to be no worthwhile work, contact me and I will send you some current project-possibilities. It would most beneficial if we could get together with other members of U.F.O.E.S.P. in our area and work with them on some special project. There are always conventions of one kind or another in the offing (Windycon in Chicago is happening right now, and we are not represented there officially; there are several members in the immediate vicinity of this convention and it would have been a good opportunity to proselytize) to which we could send delegations. We intend to subscribe to a convention register to keep us posted on upcoming events. If any of you out there know of such events, please let us know at headquarters. If you wish to attend as an official delegate of U.F.O.E.S.P., please don't hesitate to ask for financial assistance (however meager) and/or for printed materials to distribute. Even if you are not officially involved, it is a simple matter to post a notice on a prominent bulletin board about our organization. You can either write it yourself (see examples in MidAmeriCon Progress Report #5 or Program Book) or ask for assistance.

A very incomplete list of ideas for the Abstract Treasury is in process of being compiled. Along with attendance at conventions for science fiction, and amateur astronomers, are Star Trek Conventions, film conventions, local neighborhood art fairs--any place where a lot of people will be passing by. We are trying to develop an art section of U.F.O.E.S.P. with posters, paintings, poetry, prose, etc which can be made available to spacers. There is the "Space Experience Experience" which will be a combination art show, light show, music festival. There are advertisements to be placed in a whole host of different magazines and newsmedia. There are petitions to write, signatures to gather, letter-writing campaigns to initiate focused upon the space-policy makers of the country. There is CHRYSE!

Ahhhhh, CHRYSE! Of that I must write now. The questionnaires from the April issue are slowly arriving and it appears that there is equal desire for east coast and west coast sites. We are currently considering holding CHRYSE in two parts--Chryse West and Chryse East! The one on the west coast would be held in the early summer and the one on the east coast would be held in conjunction with SunCon. Negotiations are proceeding with SunCon committee members on the prospects of coordinating the Chryse Panels and Workshop with SunCon. By next issue we should have more information on that. We did consider having Chryse near Cape Canaveral either before or after SunCon, but think the actual blending of the conferences would benefit both SunCon and Chryse. We have had such excellent positive responses to Chryse from leaders in FASST and United Futurists Association, plus promising support from other spacer groups as well as individual spacers. Chryse West would be somewhat preliminary to Chryse East, with 2 panels and a workshop in the west and 3 panels and a workshop in the east. There is enough universe for us all, and the planning for the space revolution mustn't become bogged down in inconsequential details. We don't need to be huge to be effective. The main objective is to forge ahead without being delayed by obstacles erected by pessimists.

Ray Bradbury gave a very exciting and rousing opening address to the JPL Conference attendees on October 8. He promoted optimism in spacers. He told us that we have so much to look forward to that it is foolish to become discouraged by the obvious narrowminded folks we meet. So keep in touch with spacers and try to be tolerant of nonspacers....they are victims of the inadequate society which surrounds us all. We must look forward and always remember: Space is the Place!